

IFW



Docket No.: 50212-557

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of	:	Customer Number: 20277
	:	
Masanori KOSHIBA, et al.	:	Confirmation Number: 4641
	:	
Serial No.: 10/731,501	:	Group Art Unit: 2874
	:	
Filed: December 10, 2003	:	Examiner: Unknown
	:	
For: OPTICAL FIBER	:	

**INFORMATION DISCLOSURE STATEMENT**

Mail Stop AMENDMENT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In accordance with the provisions of 37 C.F.R. 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached form PTO-1449. It is respectfully requested that the documents be expressly considered during the prosecution of this application, and that the documents be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is being filed within three months of the U.S. filing date OR before the mailing date of a first Office Action on the merits. No certification or fee is required.

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10/731,501

Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account 500417 and please credit any excess fees to such deposit account.

Respectfully submitted,

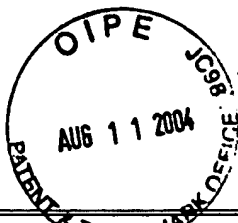
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**Date: August 11, 2004**



SHEET 1 OF 1

**INFORMATION DISCLOSURE  
CITATION IN AN  
APPLICATION**

(PTO-1449)

ATTY. DOCKET NO.  
**50212-557**SERIAL NO.  
**10/731,501**APPLICANT  
**Masanori KOSHIBA, et al.**FILING DATE  
**December 10, 2003**GROUP  
**2874****U.S. PATENT DOCUMENTS**

EXAMINER'S INITIALS	CITE NO.	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US 5,802,236	9/1/1998	DiGiovanni et al.	
		US			
		US			
		US			
		US			
		US			
		US			

**FOREIGN PATENT DOCUMENTS**

EXAMINER'S INITIALS	CITE NO.	Foreign Patent Document Country Codes -Number + -Kind Codes (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Figures Appear	Translation	
						Yes	No
		WO 00/16141	3/23/2000	CORNING INCORPORATED		YES	

**OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)**

EXAMINER'S INITIALS	CITE NO.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
		A. FERRANDO ET AL., "Designing the Properties of Dispersion-Flattened Photonic Crystal Fibers", Optics Express, Optical Society of America, December 17, 2001, Vol. 9, No. 13, pp. 687-697
		A. FERRANDO ET AL., "Nearly Zero Ultraflattened Dispersion in Photonic Crystal Fibers", Optic Letters, Optical Society of America, June 1, 2000, Vol. 25, No. 11, pp. 790-792
		A. FERRANDO ET AL., "Designing a Photonic Crystal Fibre with Flattened Chromatic Dispersion", Electronics Letters, February 18, 1999, Vol. 35, No. 4, pp. 325-327
		T.P. WHITE ET AL., "Confinement Losses in Microstructured Optical Fibers", Optics Letters, November 1, 2001, Vol. 26, No. 21, pp. 1660-1662
		W. H. REEVES ET AL., " Demonstration of Ultra-Flattened Dispersion in Photonic Crystal Fibers", Optics Express, July 15, 2002, Vol. 10, No. 14, pp. 609-613

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.